No.



9600186

# HHE UNITED SHAVES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHAVE COME:

Barham Seeds, Inc.

DOCCUS, THERE HAS BEEN PRESENTED TO THE

#### Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED, PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE, OR USING IT IN SUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY SCITION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

#### WATERMELON

'B26'

In Testimonn Murrors, I have hereunto set my hand and caused the seal of the Plant Dariety Arotection Office to be affixed at the City of Washington, D.C. this thirty-first day of May, in the year of our Lord two thousand.

Attast:

Am marie Horo

Commissioner Plant Variety Protection Office Secretary of

SD-470 (04-95) (Previous editions are to be destroyed)

### Exhibit A - Origin and Breeding History of Variety B26

B26 originated from a cross between Calsweet and a non-lobed leaf line from the University of Kentucky. This first cross was made in 1984 and then backcrossed to Calsweet in 1985. Plants of the first backcross generation were self pollinated in 1986. Subsequent generations were obtained through selection for superior type and performance and self pollinating in the years 1987 through 1993. At this point selections of B26 were obtained that bred true for leaf and rind pattern, black mottled seed color, seed size, fruit size, maturity, and other characteristics of horticultural importance. B26 does show the expected normal environmental variations for fruit size and shape.

(#9600186)

- 5. The watermelon variety B26 originated from a cross between the variety "Calsweet" and "Ky J-2NL" in 1984. Ky J-2NL was a breeding line provided to Dr. Warren S. Barham by Dr. M. C. Mohr who was a member of the Horticulture Faculty at the University of Kentucky. Interest in the breeding line Ky J-2NL was as a source of the non-lobed leaf character that Ky J-2NL possessed.
- 6. Dr. Mohr found a spontaneous mutant with leaves lacking the normal lobing character in his watermelon breeding program (personal communication to Warren Barham). Though we do not know the original material that gave rise to Ky J-2NL and Dr. Mohr is now deceased and the records of his breeding program have, to the best of our knowledge, been disposed of, Dr. Warren Barham recalls that Dr. Mohr published a paper reporting single-gene control of the non-lobed character in watermelons in 1953. We do not have a copy of that paper or know where to find it. However, we conclude that the origin of Ky J-2NL is prior to 1953.
- 8. The original cross between Calsweet and Ky J-2NL was made in 1984 and backcrossed to Calsweet in 1985. The F1 of the backcross was selfed in 1986. Selfed fruit that were blocky (a term used in the watermelon industry to mean oblong, i.e. between round and long) and had rind pattern similar to that of Calsweet were cut and checked for rind and flesh quality. Seed were saved of fruit that were free of rind necrosis, ribbing, and had flesh quality considered to be equal to Calsweet. In 1987, non-lobed leaf plants were selected for selfing. Selfed fruit that were blocky and had a rind pattern and fruit sized similar to Calsweet were cut and checked for rind and flesh quality. Seed were saved of fruit that were free of rind necrosis and ribbing, andd that had flesh quality considered to be equal to Calsweet. Since the non-lobed leaf character is controlled by a single gene and nonlobed plants breed true for this characteristic, all plants in the 1988 (F3 of the backcross generations) were non-lobed. Blocky fruit, free of ribbing and with rind pattern and fruit size similar to Calsweet were cut and checked for rind and flesh quality in 1988. Seed were saved of fruit free of rind necrosis, ribbing and that had flesh quality considered to be equal to Calsweet. This procedure was repeated in 1989 and each year through 1993. Thus a total of seven generations starting with the F2 in 1987 were "rogued" to help insure a variety breeding true for horticultural characteristics considered important.
- 9. The percent plants rogued out and fruit discarded in each generation were not recorded. However, the breeder Warren Barham estimated that 98% of F2 of the backcross plants were discarded in 1987. In the generations that followed, severe roguing was not necessary and we estimate 5 to 10 percent were discarded each generation.

- 10. In every generation the selection criteria were the same: non-lobed leaf, dark striped rind, flesh color equal to Calsweet, large fruit with a blocky shape, and vigorous plant growth.
- 11 & 12. The pedigree breeding method was used in developing B26. Selection was based on selfing individual plants from F2 in 1987 through F8 in 1993. At F8 seed from the selected fruit were bulked for increase. The subsequent generations were massed and rogued with no variants found.
- 13. The main variety characteristics of dark mottled stripe, non-lobed leaf, blocky fruit shape, and black speckled seed have all bred true since the F4 generation. Thus four generations of selfing were carried out with no variation for type before the variety was bulked for increase. Since bulking, no variations for the main variety characteristic have been observed, and no variants exist within the variety B26.
- 14. No variants have ever been observed in B26.
- 15. B26 most closely resembles Calsweet (one of its parents). The non-lobed character bred in to B26 is completely non-lobed at the third leaf stage and most clearly seen when the leaf if flattened. Under field conditions the B26 non-lobed leaf assumes a slight three dimensional shape that may appear to have a slight lobing. However, Calsweet (and all other lobed leaf watermelons that we have observed) are so much more fully lobed in appearance that there is no mistaking the non-lobed character and seeing the difference from the standard lobed leaf of Calsweet. Please see additional picture provided. The seed color of Calsweet compared to B26 is also distinct and not considered to be a quantitative character but rather a qualitative character. The additional photograph included shows B26 speckled seed versus Calsweet black seed. Other than these two clearly defined characters we are claiming no difference between B26 and Calsweet for the purposes of PVP.

#### Exhibit B - Novelty Statement

B26 is unique in the Calsweet class of watermelon. Although fruit of B26 appear similar to Calsweet, B26 fruit have slightly darker rind, are a little more blocky in shape, and generally average 1 to 2 kg heavier fruit than Calsweet in experimental tests. B26 is clearly distinguished from Calsweet by B26's non-lobed leaf character (Calsweet is normal lobed-leaf) and by B26's mottled black seed (Calsweet has black seed).



Barham Seeds, INC.

Watermelon - B26 (showing Non-lobed Leaf characteristic of this variety)

## EXHIBIT B

15. B26 most closely resembles Calsweet (one of its parents). The non-lobed character bred in to B26 is completely non-lobed at the third leaf stage and most clearly seen when the leaf if flattened. Under field conditions the B26 non-lobed leaf assumes a slight three dimensional shape that may appear to have a slight lobing. However, Calsweet (and all other lobed leaf watermelons that we have observed) are so much more fully lobed in appearance that there is no mistaking the non-lobed character and seeing the difference from the standard lobed leaf of Calsweet. Please see additional picture provided. The seed color of Calsweet compared to B26 is also distinct and not considered to be a quantitative character but rather a qualitative character. The additional photograph included shows B26 speckled seed versus Calsweet black seed. Other than these two clearly defined characters we are claiming no difference between B26 and Calsweet for the purposes of PVP.

UNITED STATES DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE
COMMODITIES SCIENTIFIS SUPPORT DIVISION
BELTSVILLE, MARY LAND 20706
BELTSVILLE, MARY LAND 20706

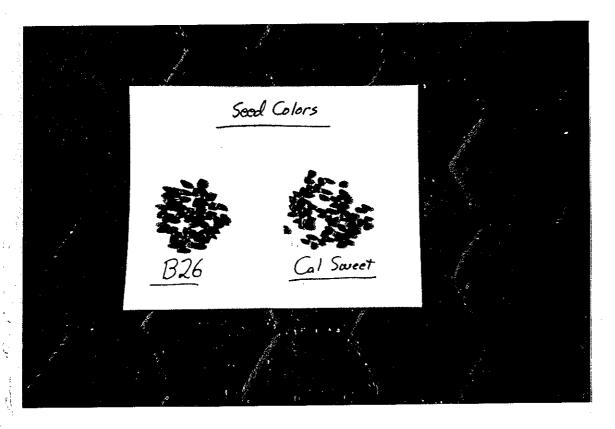
(Watermelon)

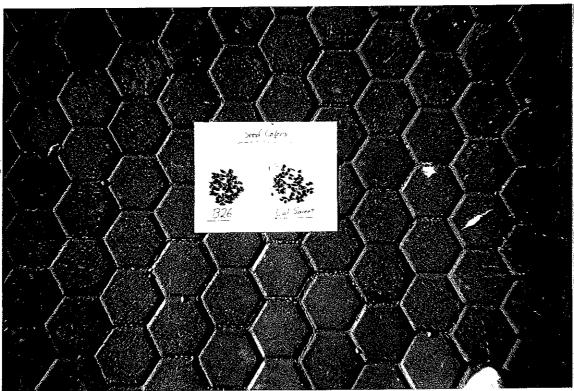
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| 3 = GLABROUS 2 = SCABROUS 3 = PUBESCENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4 - BRISTLED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 8.2 CM. VINE LENGTH + NO. OF INTERNODES (At last harvest)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | and the second of the second o |
| LEAF:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1 - OVATE 2 - OBOVATE 3 - ROUND 2 1 - LONGER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | THAN WIDE 2 = LENGTH-WIDTH EQUAL HAN LONG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Dotsal Surface: )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | And the first with the first state                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 2 Ventral Surface:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LIGHT GREEN 2 = GRAY GREEN MEDIUM GREEN 4 = DARK GREEN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| . FLOWER (At first fruit set):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 0 4 Staminate: CM. ACROSS Perfect: CM. ACROSS 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Color: 1 = LEMON YELLOW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

| 10. MATURE FRUIT:                                                                                                                                                                                                   |                                                                |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|--|--|
| 3 1 - ROUND 2 - OVAL 3 - CYLINDRICAL                                                                                                                                                                                | 38 CM. LONG 23 CM. DIAMETER AT MIDSECTION                      |  |  |
| / / KG. AVERAGE WEIGHT                                                                                                                                                                                              | 17 - INDEX - LENGTH - DIAMETER X 10                            |  |  |
| 2 = SLIGHTLY GROOVED  Color: 1 = SOLID (One color) 2 = STRIPE                                                                                                                                                       | 3 - DEEPLY GROOVED . D. T. |  |  |
|                                                                                                                                                                                                                     | 2 = LIGHT GREEN (Charleston Grey) 3 = MEDIUM GREEN             |  |  |
| Secondary Color: 4 - DARK GREEN (Florida Giant)                                                                                                                                                                     | Sugar Baby)  5 = OTHER(Specify)                                |  |  |
| 11. RIND:                                                                                                                                                                                                           |                                                                |  |  |
| 3 1 - TENDER 2 - BRITTLE 3 - TOUGH                                                                                                                                                                                  | 0 9 THICKNESS MM, BLOSSOM END.                                 |  |  |
|                                                                                                                                                                                                                     | 13 THICKNESS MM. SIDES                                         |  |  |
| 12. FLESH:                                                                                                                                                                                                          | ¥                                                              |  |  |
| / 1 - CRISP 2 - SOFT                                                                                                                                                                                                | 2 1 - COARSE-FIBROUS 2 - FINE-LITTLE FIBER                     |  |  |
| 5 Color: 1 - YELLOW 2 - ORANGE 3 - PINK 4                                                                                                                                                                           | RED 5 - DARK RED                                               |  |  |
| REFRACTOMETER % SOLUBLE SOLUBS OF JUICES                                                                                                                                                                            | // * CHECK VARIETY (Specify) Cals weet                         |  |  |
| 0 0 / % HOLLOW HEART                                                                                                                                                                                                | 00 / % PLACENTAL 000 % TRANSVERSE                              |  |  |
| 13. SEED:                                                                                                                                                                                                           | SEPARATION CRACK                                               |  |  |
| 0 9 MM. LONG 599052/555                                                                                                                                                                                             | 0 6 MM. WIDE 0 2 MM. THICK                                     |  |  |
| / 5 INDEX + LENGTH + WIDTH X 10                                                                                                                                                                                     | 57 GM. PER 1000 SEED 56 / NO. SEED PER FRUIT                   |  |  |
| Color: 1 = WHITE 2 = WHITE-TAN TIPPED 6 = RED 7 = DARK BROWN 8 = D.                                                                                                                                                 | 3 - WHITE-PINK TIPPED 4 - TAN 5 - GREEN                        |  |  |
| 14. DISEASE RESISTANCE: (0 = Untested, 1 = Susceptible, 2 = Resistant)                                                                                                                                              |                                                                |  |  |
| O ANTHRACNOSE (Race ) O DOWNY MILDEW                                                                                                                                                                                | 2 FUSARIUM WILT 0 GUMMY STEM BLIGHT                            |  |  |
| O SQUASH MOSAIC WATERMELON MOSAIC                                                                                                                                                                                   | POWDERY MILDEW CUCUMBER MOSAIC                                 |  |  |
| OTHER (Specify)                                                                                                                                                                                                     | GOCOMBEN MOSAIC                                                |  |  |
| 15. OTHER RESISTANCE: (0 = Untested, 1 = Susceptible, 2 = Re                                                                                                                                                        | sictified)                                                     |  |  |
| 2 SUNBURN 0 ROOT KNOT                                                                                                                                                                                               | OTHER (Specify)                                                |  |  |
| 16. NAME A VARIETY THAT MOST CLOSELY RESEMBLES THAT S                                                                                                                                                               | 3 27                                                           |  |  |
| Days maturity Calsweet                                                                                                                                                                                              |                                                                |  |  |
| Plant vigor Calsweet                                                                                                                                                                                                | Rind color Calsweet a                                          |  |  |
| Fruit Size Calsweet                                                                                                                                                                                                 | Flesh quality 0 - (                                            |  |  |
| REFERENCES                                                                                                                                                                                                          |                                                                |  |  |
| 1. Frey, K. J. 1966. Plant Breeding - Symposium. 1 ed. Iowa State University Press.  2. Ware, G. W. and McCollum, J. P. 1968. Producing Vegetable Crops. Interstate Printers & Publishers, Inc. Danville, Illinois. |                                                                |  |  |
| The state of the Later of the 1902, Calculotts, Interscience Publishers Inc. No. 1.                                                                                                                                 |                                                                |  |  |
| 4. Nickerson's or any recognized color fan should be used to determine the plant colors of the described majors.                                                                                                    |                                                                |  |  |

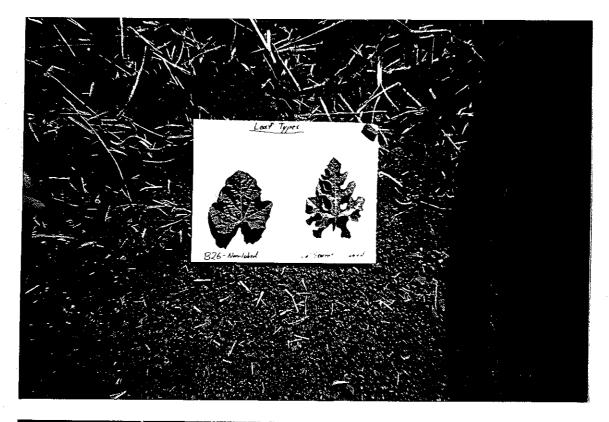


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| Sing date on an reproductions,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                             | FORM APPROVED - OMB NO. 0581-0056                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | The following statements are ma                                             | FURM APPROVED - OMB NO. 0581-0059 de in accordance with the Privacy Act of                        |
| EXHIBIT E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                             | THE PROPERTY OF 1995                                                                              |
| STATEMENT OF THE BASIS OF OWNERSHIP  1. NAME OF APPLICANT(S)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | certificate is to be issued (7 U.S.C. until certificate is issued (7 U.S.C. | o determine if a plant variety protection<br>2. 2421). Information is held confidential<br>2426). |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2. TEMPORARY DESIGNATION<br>OR EXPERIMENTAL NUMBER                          | 3. VARIETY NAME                                                                                   |
| Barham Seeds, Inc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ON EXILEMBRIAE NOMBER                                                       | B26                                                                                               |
| <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                             | PXO                                                                                               |
| 4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 5. TELEPHONE (include area code)                                            | 6. FAX (include area code)                                                                        |
| 7401 Crowford Dr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ł                                                                           | 408 847 5877                                                                                      |
| Gilroy, CA 95020<br>USA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 7. PVPO NUMBER                                                              | *****                                                                                             |
| 8. Does the applicant own all rights to the variety? Mark an "X" in appropriate b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | #960                                                                        | 0186                                                                                              |
| to the vallety: Wark an 'X' in appropriate b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | lock. If no, please explain.                                                | YES NO                                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                             | - ·                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                             |                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <u> </u>                                                                    |                                                                                                   |
| <ol> <li>Is the applicant (individual or company) a U.S. national or U.S. based, company if no, give name of country</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ?                                                                           | YES NO                                                                                            |
| O. Is the applicant the original owner? YES NO If no. please ans                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                             |                                                                                                   |
| YES NO If no, please ans                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | wer the following:                                                          |                                                                                                   |
| a. If original rights to variety were owned by individual(s), is (are) the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ne original owner(s) a U.S. nations                                         | મો(ક)?                                                                                            |
| YES NO If no, give name of country                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                             | (*)                                                                                               |
| b. If original rights to variety were owned by a company, is the original rights to variety were owned by a company, is the original rights to variety were owned by a company, is the original rights to variety were owned by a company, is the original rights to variety were owned by a company, is the original rights to variety were owned by a company, is the original rights to variety were owned by a company, is the original rights to variety were owned by a company, is the original rights to variety were owned by a company, is the original rights to variety were owned by a company, is the original rights to variety were owned by a company, is the original rights to variety were owned by a company, is the original rights to variety were owned by a company, is the original rights to variety were owned by a company, is the original rights to variety were owned by a company of the original rights to variety were owned by a company of the original rights.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                             |                                                                                                   |
| YES NO If no, give name of country                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | inal owner(s) a U.S. based compa                                            | ny?                                                                                               |
| 1. Additional explanation on automatic (tr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                             |                                                                                                   |
| Warren S. Barham and his wife were                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | the sole owners or                                                          | A Barham Seeds, Inc.jn                                                                            |
| 8, When the cross and development or 826 beg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | an, Barham seeds,                                                           | Inc., did not yet                                                                                 |
| spranken including the B26 breeding mater                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ins was transferri                                                          | of to Racham Seels                                                                                |
| Warren S. Barham and his wife were 8. When the cross and development of B26 begainst. All Warren Barham's water melon germperated preceding mater and company was incorparated and EASENOTE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Lamal & Collage                                                             | 190e                                                                                              |
| EASE NOTE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | irined in Calltorn                                                          | a 111/00,                                                                                         |
| nt variety protection can be afforded only to owners (not licensees) who meet one                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                             |                                                                                                   |
| If the winter and the control of the | e of the following criteria:                                                |                                                                                                   |

- If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.
- 2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same
- 3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definition.

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to succeed 10 minutes and the courses control number. collection is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information,

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(202) 720-1127 (TDD). USDA is an equal employment opportunity employer.

### Exhibit E - Statement of Applicant's Ownership

Dr. Warren S. Barham, C.E.O. of Barham Seeds, Inc., believes he is the sole originator and first breeder of B26 and that Barham Seeds, Inc. is the sole owner of Watermelon B26.